



## SEQUENCE LISTING

<110> Coy, David H.  
Moreau, Jacques-Pierre  
Kim, Sun H.

<120> OCTAPEPTIDE BOMBESIN ANALOGS

<130> 00537-00900K

<140> 10/004,530

<141> 2001-10-23

<150> 09/260,846

<151> 1999-03-02

<150> 08/337,127

<151> 1994-11-10

<150> 07/779,039

<151> 1991-10-18

<150> 07/502,438

<151> 1990-03-30

<150> 07/397,169

<151> 1989-08-21

<150> 07/376,555

<151> 1989-07-07

<150> 07/317,941

<151> 1989-03-02

<150> 07/282,328

<151> 1988-12-09

<150> 07/257,998

<151> 1988-10-14

<150> 07/248,771

<151> 1988-09-23

<150> 07/207,759

<151> 1988-06-16

<150> 07/204,171

<151> 1988-06-08

<150> 07/173,311

<151> 1988-03-25

<150> 07/100,571

<151> 1987-09-24

<160> 26

<170> FastSEQ for Windows Version 4.0

<210> 1

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<212> PRT

<213> *Xenopus laevis*

<400> 1

Glu	Gln	Arg	Leu	Gly	Asn	Gln	Trp	Ala	Val	Gly	His	Leu	Met
1				5						10			

<210> 2

<211> 27

<212> PRT

<213> *Sus scrofa*

<400> 2

Ala	Pro	Val	Ser	Val	Gly	Gly	Gly	Thr	Val	Leu	Ala	Lys	Met	Tyr	Pro
1				5				10						15	
Arg	Gly	Asn	His	Trp	Ala	Val	Gly	His	Leu	Met					
			20				25								

<210> 3

<211> 27

<212> PRT

<213> *Homo sapiens*

<400> 3

Val	Pro	Leu	Pro	Ala	Gly	Gly	Gly	Thr	Val	Leu	Thr	Lys	Met	Tyr	Pro
1				5				10						15	
Arg	Gly	Asn	His	Trp	Ala	Val	Gly	His	Leu	Met					
			20				25								

<210> 4

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<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetically generated peptide

<221> VARIANT

<222> 8

<223> Xaa = statine

<400> 4

Glu	Gln	Trp	Ala	Val	Gly	His	Xaa
1				5			

<210> 5

<211> 29

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetically generated peptide

<221> VARIANT

<222> 2

<223> Xaa at position 2 is Ala, D-Ala, N-methyl-D-Ala,  
or alpha-aminobutyric acid

<400> 5

Tyr	Xaa	Asp	Ala	Ile	Phe	Thr	Asn	Ser	Tyr	Arg	Lys	Val	Leu	Gly	Gln
1				5					10					15	
Leu	Ser	Ala	Arg	Lys	Leu	Leu	Gln	Asp	Ile	Met	Ser	Arg			
			20					25							

<210> 6

<211> 9

<212> PRT

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<220>

<223> Synthetically generated peptide

<400> 6

Glu	Gln	Trp	Ala	Val	Gly	His	Phe	Leu
1				5				

<210> 7

<211> 9

<212> PRT

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<220>

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<400> 7

Glu	Gln	Trp	Ala	Val	Gly	His	Leu	Leu
1				5				

<210> 8

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetically generated peptide

<400> 8

Glu	Gln	Trp	Ala	Val	Gly	His	Leu	Leu
1				5				

<210> 9

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<213> Artificial Sequence

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<221> VARIANT

<222> 9  
 <223> Xaa = statine

<400> 9  
 Glu Gln Gln Trp Ala Val Gly His Xaa  
 1 5

<210> 10  
 <211> 35  
 <212> PRT  
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<220>  
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<400> 10  
 Tyr Arg Lys Ala Leu Gly Gln Leu Ser Ala Arg Lys Leu Leu Gln Asp  
 1 5 10 15  
 Ile Met Ser Arg Gln Gln Gly Glu Ser Asn Gln Glu Arg Gly Ala Arg  
 20 25 30  
 Ala Arg Leu  
 35

<210> 11  
 <211> 29  
 <212> PRT  
 <213> Homo sapiens

<400> 11  
 Tyr Ala Asp Ala Ile Phe Thr Asn Ser Tyr Arg Lys Val Leu Gly Gln  
 1 5 10 15  
 Leu Ser Ala Arg Lys Leu Leu Gln Asp Ile Met Ser Arg  
 20 25

<210> 12  
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<220>  
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<400> 12  
 Gly Asn His Trp Ala Val Gly His Leu Leu  
 1 5 10

<210> 13  
 <211> 9  
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 <213> Homo sapiens

<400> 13  
 Glu Gln Trp Ala Val Gly His Phe Met  
 1 5

<210> 14  
 <211> 10

<212> PRT  
 <213> Homo sapiens

<400> 14  
 Gly Ser His Trp Ala Val Gly His Leu Met  
 1 5 10

<210> 15  
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 <212> PRT  
 <213> Xenopus laevis

<400> 15  
 Gly Asn Gln Trp Ala Val Gly His Leu Met  
 1 5 10

<210> 16  
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 <212> PRT  
 <213> Homo sapiens

<400> 16  
 Gly Asn His Trp Ala Val Gly His Leu Met  
 1 5 10

<210> 17  
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 <212> PRT  
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<400> 17  
 His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln  
 1 5 10 15  
 Met Ala Val Lys Lys Tyr Leu Asn Ser Ile Leu Asn  
 20 25

<210> 18  
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 <212> PRT  
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<400> 18  
 His Ala Asp Gly Val Phe Thr Ser Asp Phe Ser Arg Leu Leu Gly Gln  
 1 5 10 15  
 Leu Ser Ala Lys Lys Tyr Leu Glu Ser Leu Ile  
 20 25

<210> 19  
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 <212> PRT  
 <213> Homo sapiens

<400> 19  
 His Ser Asp Gly Thr Phe Thr Ser Glu Leu Ser Arg Leu Arg Asp Ser  
 1 5 10 15  
 Ala Arg Leu Gln Arg Leu Leu Gln Gly Leu Val  
 20 25

<210> 20  
 <211> 44  
 <212> PRT  
 <213> Homo sapiens

<400> 20  
 Tyr Ala Asp Val Ile Phe Thr Asn Ser Tyr Arg Lys Val Leu Gly Gln  
 1 5 10 15  
 Leu Ser Ala Arg Lys Leu Leu Gln Asp Ile Met Ser Arg Gln Gln Gly  
 20 25 30  
 Glu Ser Asn Gln Glu Arg Gly Ala Arg Ala Arg Leu  
 35 40

<210> 21  
 <211> 29  
 <212> PRT  
 <213> Homo sapiens

<400> 21  
 His Ser Gln Gly Thr Phe Thr Ser Asp Tyr Ser Lys Tyr Leu Asp Ser  
 1 5 10 15  
 Arg Arg Ala Gln Asp Phe Val Gln Trp Leu Met Asn Thr  
 20 25

<210> 22  
 <211> 42  
 <212> PRT  
 <213> Homo sapiens

<400> 22  
 Tyr Ala Glu Gly Thr Phe Ile Ser Asp Tyr Ser Ile Ala Met Asp Lys  
 1 5 10 15  
 Ile Arg Gln Gln Asp Phe Val Asn Trp Leu Leu Ala Gln Lys Gly Lys  
 20 25 30  
 Lys Ser Asp Trp Lys His Asn Ile Thr Gln  
 35 40

<210> 23  
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 <212> PRT  
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<400> 23  
 Ser Gln Glu Pro Pro Ile Ser Leu Asp Leu Thr Phe His Leu Leu Arg  
 1 5 10 15  
 Glu Val Leu Glu Met Thr Lys Ala Asp Gln Leu Ala Gln Gln Ala His  
 20 25 30  
 Ser Asn Arg Lys Leu Leu Asp Ile Ala  
 35 40

<210> 24  
 <211> 39  
 <212> PRT  
 <213> Xenopus laevis

<400> 24

Glu Gly Pro Pro Ile Ser Ile Asp Leu Ser Leu Glu Leu Leu Arg Lys  
 1 5 10 15  
 Met Ile Glu Ile Glu Lys Gln Glu Lys Glu Lys Gln Gln Ala Asn Asn  
 20 25 30  
 Arg Leu Leu Leu Asp Thr Ile  
 35

<210> 25  
 <211> 38  
 <212> PRT  
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<400> 25  
 His Ser Asp Ala Ile Phe Thr Gln Gln Tyr Ser Lys Leu Leu Ala Lys  
 1 5 10 15  
 Leu Ala Lys Leu Ala Leu Gln Lys Tyr Leu Ala Ser Ile Leu Gly Ser  
 20 25 30  
 Arg Thr Ser Ser Pro Pro Pro  
 35

<210> 26  
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 <212> PRT  
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<400> 26  
 Asn Asp Asp Pro Pro Ile Ser Leu Asp Leu Thr Phe His Leu Leu Arg  
 1 5 10 15  
 Asn Met Ile Glu Met Ala Arg Ile Glu Asn Glu Arg Glu Gln Ala Gly  
 20 25 30  
 Leu Asn Arg Lys Tyr Leu Asp Glu Val  
 35 40